

C³ 4. (Twice Amended) The ink according to claim 1, wherein said copolymer has a glass transition point ranging from -30 through 45 °C.

1 Sub 7
2 14. (Three Times Amended) Ink comprising:

3 a copolymer particle that has a glass transition point less than or equal to 45 °C, a softening point
4 measured by a flow tester ranging from 40 through 150°C and a volume average particle diameter ranging
5 from 0.01 through 2 μm obtained from a radical polymeric monomer composition consisting essentially of:

6 (a) 20 through 99 wt% of styrene;

7 (b) 10 through 80 wt% of alkyl acrylate or alkyl methacrylate; and

8 (c) 5 wt % or more of polymeric monomer including a polar group;

9 a colorant; and

a solvent that is liquid at room temperature.

1 Sub 7
2 16. (Three Times Amended) An ink cartridge including a case and ink which is stored n said case
3 and comprises:

4 C⁵ a copolymer particle that has a glass transition point less than or equal to 45°C, a softening point
5 measured by a flow tester ranging from 40 through 150°C and a volume average particle diameter ranging
6 from 0.01 through 2 μm obtained from a radical polymeric monomer composition consisting essentially of:

7 (a) 20 through 99 wt% of styrene; and

(b) 10 through 80 wt% of alkyl acrylate or alkyl methacrylate; and

8 Sub
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10 Cont.

(c) 5 wt % or more of polymeric monomer including a polar group;
a colorant; and
a solvent that is liquid at room temperature.

17. (Three Times Amended) A recording device including a head and an ink cartridge supplying
ink to said head, wherein said ink comprises:

a copolymer particle that has a glass transition point less than or equal to 45 °C, a softening point
measured by a flow tester ranging from 40 through 150°C and a volume average particle diameter ranging
from 0.01 through 2 μ m obtained from a radical polymeric monomer composition consisting essentially of:

(a) 20 through 99 wt% of styrene; and

(b) 10 through 80 wt% of alkyl acrylate or alkyl methacrylate; and

(c) 5 wt % or more of polymeric monomer including a polar group;

a colorant; and

a solvent that is liquid at room temperature.

18. (Amended) A recording device according to claim 17, wherein said head is an inkjet head
using a piezoelectric element.